

COMPLETE LISTING OF ALL CLAIMS IN THE APPLICATION

1 1. (Original) A watercraft lift apparatus, comprising:
2 a base;
3 a first pair of booms having a first pair of ends pivotally joined to said
4 base to rotate about a first axis and a boom extension projecting from said
5 first pair of ends thereof;
6 a second pair of booms having a first pair of ends pivotally joined to
7 said base to rotate about a second axis;
8 watercraft supports pivotally connected to said pairs of booms;
9 an actuator having a first end and a second end, the first end of which
10 is pivotally connected to said boom extension to rotate about a third axis that
11 is offset from the first axis; and
12 a load translation means, connected to said second pair of booms and
13 pivotally connected to said actuator at its second end, for translating
14 extension and contraction of the actuator to load balanced angular force
15 acting on said second pair of booms about the second axis.

1 2. (Original) A watercraft lift apparatus according to claim 1, wherein
2 said load translation means comprises a component swingably coupled
3 to said base.

1 3. (Original) A watercraft lift apparatus according to claim 1, further
2 comprising:
3 a stop means for elastically stopping the lift at a fixed position.

1 4. (Original) A watercraft lift apparatus according to claim 3, wherein
2 said fixed position is over-center.

1 5. (Original) A watercraft lift apparatus according to claim 3, wherein
2 said stop means comprises a surface and an elastic stop, the stop at
3 least partially comprised of an elastic material, one of said surface and said
4 stop affixed to at least one pair of booms and the other of said surface and
5 said stop affixed to the base.

1 6. (Original) A watercraft lift apparatus according to claim 1, further
2 comprising:
3 a means for adjusting the length of said pairs of booms thereby
4 adjusting the height of said watercraft supports above the base when the lift
5 is in a raised position.

1 7. (Original) A watercraft lift apparatus according to claim 6, wherein
2 said means for adjusting the length of the booms is telescopic.

1 8. (Canceled) A watercraft lift apparatus, comprising:
2 a base;
3 a first pair of booms having a first pair of ends pivotally joined to said
4 base to rotate about a first axis;
5 a second pair of booms having a first pair of ends pivotally joined to
6 said base to rotate about a second axis;
7 watercraft supports pivotally connected to said pairs of booms;
8 an actuator having a first end and a second end, the first end of which
9 is pivotally connected to said base; and
10 a load translation means, connected to said second pair of booms and
11 pivotally connected to said actuator at its second end, for translating
12 extension and contraction of the actuator to load balanced angular force
13 acting on said second pair of booms about the second axis.

1 9. (New) A watercraft lift apparatus, comprising:
2 a base;
3 a first pair of booms having a first pair of ends pivotally joined to said
4 base to rotate about a first axis;
5 a second pair of booms having a first pair of ends pivotally joined to
6 said base to rotate about a second axis;
7 watercraft supports pivotally connected to said pairs of booms;
8 an actuator having a first end and a second end, the first end of which
9 is pivotally connected to said base; and
10 a load translation means pivotally connected to said actuator at its
11 second end, the load translation means comprising:
12 a swing bar, swingably mounted on said base;
13 and at least one lift bar swingably coupling said swing bar to
14 one of said first and second pair of booms,
15 whereby expansion and contraction of the actuator causes the swing
16 bar to swing upon the base, displacing the at least one lift bar, thereby
17 causing the booms to pivot upon the base, raising and lowering the lift.